

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) An information recording method for recording data on a write-once recording medium, comprising the steps of:

recording information corresponding to a position of a recorded area ~~on~~ of the recording ~~medium~~ medium, on the recording medium, and

when the information corresponding to the position of the recorded area is updated, newly recording the information on the recording medium at a predetermined timing.

2. (Currently amended) The information recording method according to claim 1, ~~wherein~~ wherein:

as the recorded information corresponding to the position of the recorded ~~area~~, area comprises information on a predetermined number of areas ~~can be recorded~~, and ~~wherein~~

the recorded areas are recorded as discrete areas with the predetermined number as a limitation.

3. (Currently amended) The information recording method according to claim 1, wherein the information is comprises physical address information on the recording medium, recorded as a recording start address and a recording end address.

4. (Currently amended) A recording apparatus, having a pickup, a signal processing circuit for signal processing accompanying recording and an interface for data input and output, for recording data on a write-once recording medium, wherein:

~~wherein~~ information corresponding to a position of a recorded area on the recording medium is read from the recording medium by the pickup, and

~~wherein~~ the information corresponding to the position of the recorded area is stored on a nonvolatile memory.

5. (Currently amended) The recording apparatus according to claim 4, ~~wherein~~ wherein:

when the information corresponding to the position of the recorded area is updated, an update flag indicating that the information has been updated is set in the nonvolatile memory and the information corresponding to the position of the recorded area is recorded on the recording medium at predetermined ~~timing~~, timing; and

when recoding is completed, the update flag is reset.

6. (Currently amended) A recording apparatus, having a pickup, a signal processing circuit for signal processing accompanying recording and an interface for data input and output, for recording data on a write-once-read-many recording medium, wherein:

~~wherein~~ information corresponding to a position of a recorded area on the recording medium is read from the recording medium by the pickup, and

_____when the information corresponding to the position of the recorded area is updated, error data is generated in a particular position indicating that the information has been updated.

7. (Currently amended) The recording apparatus according to claim 6, wherein as the error data in the particular ~~position~~, position comprises error data ~~is generated~~ in a particular portion of the information corresponding to a position of a recorded area previous by twice of recording on the recording medium.

8. (Currently amended) An information recording method for recording data on a write-once recording medium, comprising the ~~steps of~~ steps of:

recording information corresponding to a position of a recorded area ~~on~~ of the recording medium on the recording medium, and

when the information corresponding to the position of the recorded area is updated, newly recording the information on the recording medium at a predetermined timing,

wherein when data is additionally recorded on the recording medium, a recording direction flag is included in the data indicating an address of recording is in an incremental direction or in a decremental direction ~~is included in the data~~.

9. (Currently amended) The information recording method according to claim 8, wherein the recording direction flag is included in a sector identification signal added in a sector unit to the data.

10. (Currently amended) The information recording method according to claim 8, ~~wherein~~ wherein:

_____ the data corresponds to at least two types of synchronizing signals, and ~~wherein~~

_____ the recording direction flag corresponds to the synchronizing signals of the data.

11. (Currently amended) An information recording method for recording data on a write-once recording medium, comprising the steps ~~of~~ of:

recording information corresponding to a position of a recorded area on the recording medium ~~on~~ of the recording medium, and

when the information corresponding to the position of the recorded area is updated, newly recording the information on the recording medium at a predetermined timing,

wherein when data is additionally recorded on the recording medium, a retrieval flag ~~indicating in the data indicates~~ whether or not an area with an address smaller than that of recording start area by 1 is a recorded area ~~is included~~.

12. (Currently amended) The information recording method according to claim 11, wherein the retrieval flag is included in a sector identification signal added in a sector unit to the data.

13. (Currently amended) The information recording method according to claim 11, ~~wherein~~ wherein:

_____ the data corresponds to at least two types of synchronizing signals, and ~~wherein~~

_____ the retrieval flag corresponds to the synchronizing signals of the data.

14. (Original) The information recording method according to claim 11, wherein the same retrieval flag is added by a series of recording of the data.

15. (Original) The information recording method according to claim 1, wherein the information includes information corresponding to a start address or an end address of a management area on the recording medium.

16. (New) A recorded data product containing recorded data, comprising:
a write-once recording medium;

a data area on the recording medium bearing first recorded data at a first location on the recording medium and subsequently recorded data at a second location on the recording medium; and

a recording of updated management information on the recording medium, the updated management information including data identifying at least the first location and the second location.

17. (New) The data product of claim 16, ~~wherein~~ wherein:
_____ the recording of updated management information comprises a table of addresses recorded in a predetermined portion of the recording medium, and
_____ the addresses on the table ~~identifying~~ identify the first and second locations on the recording medium.

18. (New) The data product of claim 16, further comprising a recording direction flag in the data area on the recording medium, the recording direction flag indicating incremental or decremental change in addressing of data recorded in a portion of the data area.

19. (New) The data product of claim 16, further comprising a retrieval flag in the data area on the recording medium, the retrieval flag indicating whether a portion of the data area has been recorded.

20. (New) The data product of claim 16, further comprising an error signal recorded in a particular position on the recording medium indicating that the management information is updated information.

21. (New) The data product as in claim 16, wherein the write-once recording medium comprises a write-once-read-many optical disk.